

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/572,732  
Source: 1FWP  
Date Processed by STIC: 3/29/06

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IFWP

## RAW SEQUENCE LISTING

DATE: 03/29/2006

PATENT APPLICATION: US/10/572,732

TIME: 09:48:31

Input Set : A:\210850050P1.SEQ.TXT

Output Set: N:\CRF4\03292006\J572732.raw

4 <110> APPLICANT: UAB Research Foundation  
 6 ZINN, Kurt R.  
 7 CHAUDHURI, Tandra R.  
 8 WU, Hongju  
 10 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IN VIVO  
 11 INFLAMMATION MONITORING  
 13 <130> FILE REFERENCE: 21085.0050P1  
 C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/572,732  
 C--> 16 <141> CURRENT FILING DATE: 2006-03-21  
 18 <150> PRIOR APPLICATION NUMBER: 60/505,543  
 19 <151> PRIOR FILING DATE: 2003-09-23  
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250	atcggaaaaac	ctctcgagaa	aggcgtctaa	ccagtcacag	tcgcaaggta	ggctgagcac	9840
251	cgtggcgggc	ggcagcgggc	ggcggtcggg	gttggttctg	gcggaggtgc	tgctgatgat	9900
252	gtaattaaag	taggcgggtct	tgagacggcg	gatggtcgac	agaagcacca	tgtccttggg	9960
253	tccggcctgc	tgaatgcgca	ggcggtcggc	catgccccag	gcttcgtttt	gacatcggcg	10020
254	caggctcttg	tagtagtctt	gcacgagcct	ttctaccggc	acttcttctt	ctccttcctc	10080
255	ttgtcctgca	tctcttgcat	ctatcgctgc	ggcggcgggc	gagtttggcc	gtaggtggcg	10140
256	ccctcttctc	cccatgcgtg	tgaccccgaa	gccccctcatc	ggctgaagca	gggctaggtc	10200
257	ggcgacaacg	cgctcggcta	atatggcctg	ctgcacctgc	gtgagggtag	actggaaagtc	10260
258	atccatgtcc	acaaagcggg	ggtatgcgcc	cgtgttgatg	gtgtaagtgc	agttggccat	10320
259	aacggaccag	ttaacgggtct	ggtgacccgg	ctgcgagagc	tcgggtgtacc	tgagacgcga	10380
260	gtaagccctc	gagtcaaata	cgtagtcgtt	gcaagtccgc	accaggtact	ggtatcccac	10440
261	caaaaagtgc	ggcggcggtc	ggcggtagag	gggccagcgt	agggtggccg	gggctccggg	10500
262	ggcgagatct	tccaacataa	ggcgatgata	tccgtagatg	tacctggaca	tccaggtgat	10560
263	gcccggcgcg	gtggtggagg	cgcgcggaaa	gtcgcggacg	cggttccaga	tgttgcgacg	10620
264	cggcaaaaag	tgctccatgg	tcgggacgct	ctggccgggtc	aggcgcgcgc	aatcgttgac	10680

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/572,732

DATE: 03/29/2006  
TIME: 09:48:32

Input Set : A:\210850050P1.SEQ.TXT  
Output Set: N:\CRF4\03292006\J572732.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220>

to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6; N Pos. 693,709  
Seq#:7; N Pos. 2,3,4,10,12,16,17,42,715,719  
Seq#:28; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,123,124,125,126,127,128  
Seq#:28; N Pos. 129,130,131,132,133,134,135,136,137,138,139,140,141,142,143  
Seq#:28; N Pos. 144,145,146,147,148,149,150,151,152,153,154,155,156,157,158  
Seq#:28; N Pos. 159,160,161,162,163,164,165,166,167,168,169,170,171,172,173  
Seq#:28; N Pos. 174,175,176,177,178,179,180,181,182,183,184,185,186,187,188  
Seq#:28; N Pos. 189,190,191,192,193,194,195,196,197,198,199,200,201,202,203  
Seq#:28; N Pos. 204,205,206,207,208,209,210,211,212,213,214,215,216,217,218  
Seq#:28; N Pos. 219,220,221,222,223,224,225,226,227,228,229,230,231,232,233  
Seq#:28; N Pos. 234,235,236,237,238,239,240,241,242,243,244,245,246,247,248  
Seq#:28; N Pos. 249,250,251,252,253,254,255,256,257,258,259,260,261,262,263  
Seq#:28; N Pos. 264,265,266,267,268,269,270,271,272,273,274,275,276,277,278  
Seq#:28; N Pos. 279,280,281,282,283,284,285,286,287,288,289,290,291,292,293  
Seq#:28; N Pos. 294,295,296,297,298,299,300,301,302,303,304,305,306,307,308  
Seq#:28; N Pos. 309,310,311,312,313,314,315,316,317,318,319,320,321,322,323  
Seq#:28; N Pos. 324,325,326,327,328,329,330,331,332,333,334,335,336,337,338  
Seq#:28; N Pos. 339,340,341,342,343,344,345,346,347,348,349,350,351,352,353  
Seq#:28; N Pos. 354,355,356,357,358,359,360,361,362,363,364,365,366,367,368  
Seq#:28; N Pos. 369,370,371,372,373,374,375,376,377,378,379,380,381,382,383  
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Seq#:28; N Pos. 429,430,431,432,433,434,435,436,437,438,439,440,441,442,443  
Seq#:28; N Pos. 444,445,446,447,448,449,450,451,452,453,454,455,456,457,458  
Seq#:28; N Pos. 459,460,461,462,463,464,465,466,467,468,469,470,471,472,473  
Seq#:28; N Pos. 474,475,476,477,478,479,480,481,482,483,484,485,486,487,488  
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Seq#:28; N Pos. 609,610,611,612,613,614,615,616,617,618,619,620,621,622,623  
Seq#:28; N Pos. 624,625,626,627,628,629,630,631,632,633,634,635,636,637,638  
Seq#:28; N Pos. 639,640,641,642,643,644,645,646,647,648,649,650,651,652,653  
Seq#:28; N Pos. 654,655,656,657,658,659,660,661,662,663,664,665,666,667,668  
Seq#:28; N Pos. 669,670,671,672,673,674,675,676,677,678,679,680,681,682,683  
Seq#:28; N Pos. 684,685,686,687,688,689,690,691,692,693,694,695,696,697,698  
Seq#:28; N Pos. 699,700,701,702,703,704,705,706,707,708,709,710,711,712,713  
Seq#:28; N Pos. 714,715,716,717,718,719,720  
Seq#:29; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/572,732

DATE: 03/29/2006  
TIME: 09:48:32

Input Set : A:\210850050P1.SEQ.TXT

Output Set: N:\CRF4\03292006\J572732.raw

Seq#:29; N Pos. 24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43  
Seq#:29; N Pos. 44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63  
Seq#:29; N Pos. 64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83  
Seq#:29; N Pos. 84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102  
Seq#:29; N Pos. 103,104,105,106,107,108,109,110,111,112,113,114,115,116,117  
Seq#:29; N Pos. 118,119,120,121,122,123,124,125,126,127,128,129,130,131,132  
Seq#:29; N Pos. 133,134,135,136,137,138,139,140,141,142,143,144,145,146,147  
Seq#:29; N Pos. 148,149,150,151,152,153,154,155,156,157,158,159,160,161,162  
Seq#:29; N Pos. 163,164,165,166,167,168,169,170,171,172,173,174,175,176,177  
Seq#:29; N Pos. 178,179,180,181,182,183,184,185,186,187,188,189,190,191,192  
Seq#:29; N Pos. 193,194,195,196,197,198,199,200,201,202,203,204,205,206,207  
Seq#:29; N Pos. 208,209,210,211,212,213,214,215,216,217,218,219,220,221,222  
Seq#:29; N Pos. 223,224,225,226,227,228,229,230,231,232,233,234,235,236,237  
Seq#:29; N Pos. 238,239,240,241,242,243,244,245,246,247,248,249,250,251,252  
Seq#:29; N Pos. 253,254,255,256,257,258,259,260,261,262,263,264,265,266,267  
Seq#:29; N Pos. 268,269,270,271,272,381,382,383,384,385,386,387,388,389,390  
Seq#:29; N Pos. 391,392,393,394,395,396,397,398,399,400,401,402,403,404,405  
Seq#:29; N Pos. 406,407,408,409,410,411,412,413,414,415,416,417,418,419,420  
Seq#:29; N Pos. 421,422,423,424,425,426,427,428,429,430,431,432,433,434,435  
Seq#:29; N Pos. 436,437,438,439,440,441,442,443,444,445,446,447,448,449,450  
Seq#:29; N Pos. 451,452,453,454,455,456,457,458,459,460,461,462,463,464,465  
Seq#:29; N Pos. 466,467,468,469,470,471,472,473,474,475,476,477,478,479,480  
Seq#:29; N Pos. 481,482,483,484,485,486,487,488,489,490,491,492,493,494,495  
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Seq#:29; N Pos. 601,602,603,604,605,606,607,608,609,610,611,612,613,614,615  
Seq#:29; N Pos. 616,617,618,619,620,621,622,623,624,625,626,627,628,629,630  
Seq#:29; N Pos. 631,632,633,634,635,636,637,638,639,640,641,642,643,644,645  
Seq#:29; N Pos. 646,647,648,649,650,651,652,653,654,655,656,657,658,659,660  
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Seq#:29; N Pos. 676,677,678,679,680,681,682,683,684,685,686,687,688,689,690  
Seq#:29; N Pos. 691,692,693,694,695,696,697,698,699,700,701,702,703,704,705  
Seq#:29; N Pos. 706,707,708,709,710,711,712,713,714,715,716,717,718,719,720



## VERIFICATION SUMMARY

DATE: 03/29/2006

PATENT APPLICATION: US/10/572,732

TIME: 09:48:32

Input Set : A:\210850050P1.SEQ.TXT

Output Set: N:\CRF4\03292006\J572732.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:698 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:702 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6  
L:714 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:660  
L:725 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:729 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7  
L:730 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:660  
L:1008 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1012 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28  
L:1013 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0  
L:1015 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:120  
L:1016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:180  
L:1017 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:240  
L:1018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:300  
L:1019 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:360  
L:1020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:420  
L:1021 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:480  
L:1022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:540  
L:1023 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:600  
L:1024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:660  
L:1035 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1039 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:29  
L:1040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0  
L:1041 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:60  
L:1042 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:120  
L:1043 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:180  
L:1044 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:240  
L:1046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:360  
L:1047 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:420  
L:1048 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:480  
L:1049 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:540  
L:1050 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:600  
L:1051 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:660